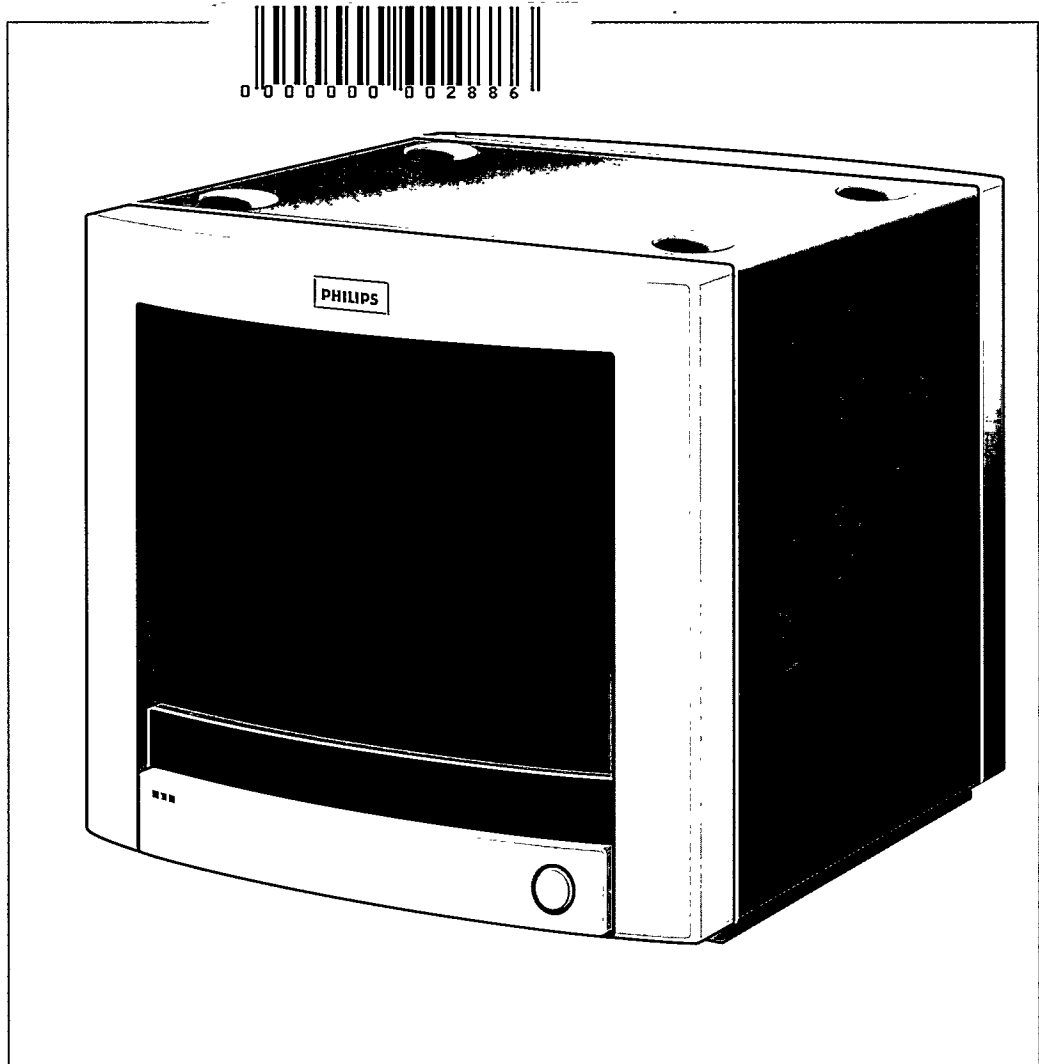


Video Colour Monitor VSS9451



- Ⓒ GB Instructions for use
- Ⓒ F Mode d'emploi
- Ⓒ D Bedienungsanleitung
- Ⓒ NL Gebruiksaanwijzing
- Ⓒ E Instrucciones de manejo
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Bescheinigung des
Herstellers/Importeurs

Hiermit wird bescheinigt, daß der
VSS9451/00T

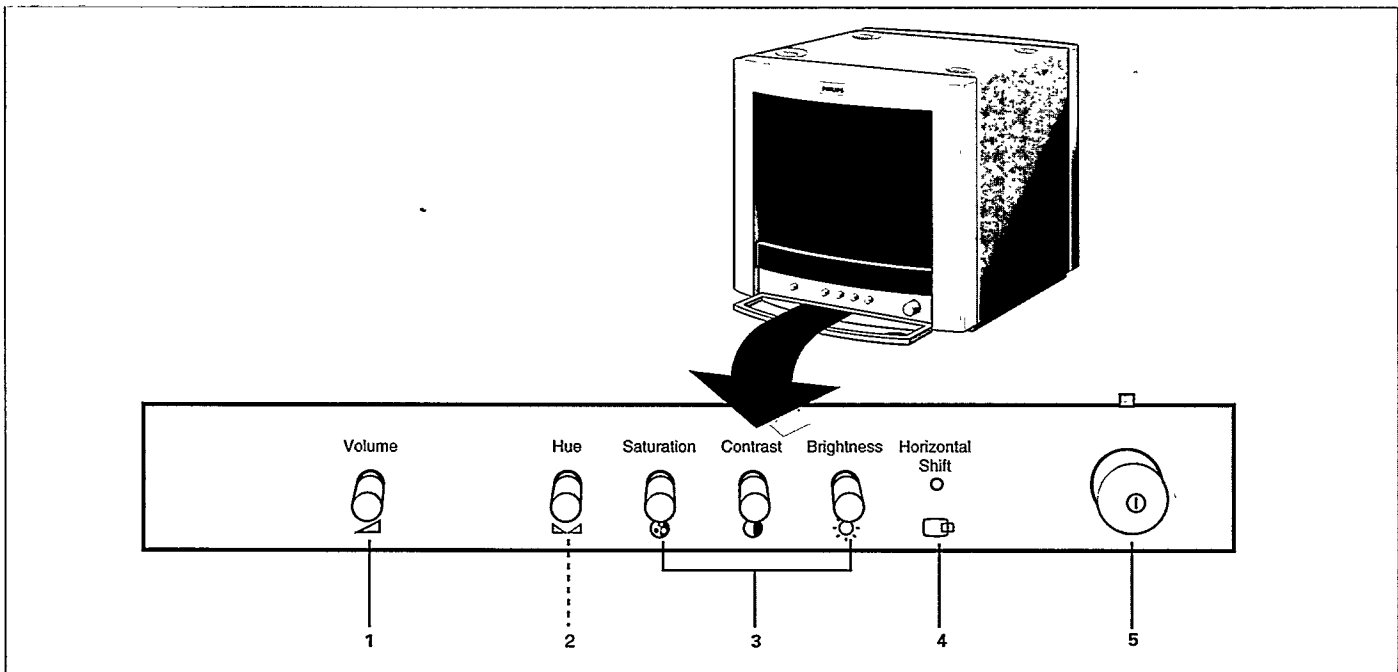
.....
(Gerät, Typ Bezeichnung)

in Übereinstimmung mit den Bestimmungen der BMPT- AmtsblVfg243/1991 funk-
entstört ist. Der vorschriftsmäßige Betrieb mancher Geräte (z. B. Meßsender) kann
allerdings gewissen Einschränkungen unterliegen. Beachten Sie deshalb die Hinweise
in der Bedienungs-anleitung.







Dem Bundesamt für die Zulassungen in der Telekommunikation wurde das In-
verkehrbringen dieses Gerätes angezeigt und die Berechtigung zur Überprüfung der
Serie auf die Einhaltung der Bestimmungen eingeräumt.

.....
Philips GmbH Hamburg

.....
(Name und Anschrift des Herstellers/Importeurs)



CONTROLS

- 1 Volume** 
To adjust the volume.
- 2 Hue**  *(NTSC versions only)*
To adjust the hue.
- 3 Picture controls**
To optimize the picture. The centre click position of each control is its standard setting.
 - **Saturation** 
To adjust the colour density of the picture.
 - **Contrast** 
To adjust the picture contrast.
 - **Brightness** 
To adjust the picture brightness.
- 4 Horizontal shift** 
Screwdriver adjustment to center the picture. The factory default is optimized for standard video signals.
- 5 Power**
Switching the power on and off.

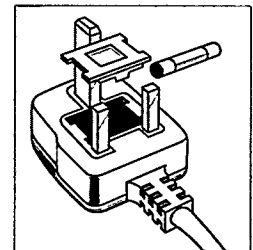
FITTING A MAINS PLUG (U.K. only)

This apparatus is fitted with an approved moulded 13 Amp plug. To change a fuse in this type of plug proceed as follows:

1. Remove fuse cover and fuse.
2. Insert new fuse, which should be a BS1362 5A, A.S.T.A. or BSI-approved type.
3. Refit the fuse cover.

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place.

If the mains plug contains a fuse, this should have a value of **5A**.
If a plug without a fuse is used, the fuse at the distribution board should not be greater than **5A**.



NOTE: The severed plug must be disposed of to avoid the possibility of an electric shock should it be inserted into a 13A socket elsewhere.

HOW TO CONNECT A PLUG

The wires in the mains lead are coloured in accordance with the following code:

BLUE – "NEUTRAL" ("N")
BROWN – "LIVE" ("L")
GREEN & YELLOW – "EARTH" ("E")

1. The GREEN AND YELLOW wire must be connected to the terminal in the plug which is marked by the letter "E" or by the safety earth symbol \perp or coloured GREEN or GREEN AND YELLOW.
2. The BLUE wire must be connected to the terminal which is marked with the letter "N" or coloured BLACK.
3. The BROWN wire must be connected to the terminal which is marked with the letter "L" or coloured RED.

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead – not simply over the three wires.

PRECAUTIONS

In order to prevent any fatal accidents caused by misoperation or mishandling of the monitor, be fully aware of all the following precautions:

- Only use the power source specified on the rating label located on the of the cabinet.
- When not using this unit for a long period of time, or when cleaning it, be sure to disconnect the mains plug from the mains supply.
- Do not allow anything to rest on the mains lead.
- Do not locate this unit where people will tread on the cord.
- Do not overload wall sockets or mains leads as this may result in fire or electric shock.
- Avoid using this unit under the following conditions:
 - in extremely hot, cold or humid places;
 - in dusty places;
 - near appliances generating strong magnetic fields;
 - in places subject to direct sunlight;
 - in badly ventilated places.
- Do not cover the ventilation slots while in operation as this could obstruct the required ventilation.
- When dust accumulates on the screen surface, clean with a soft cloth.
- Do not use alcohol or ammonia based liquid to clean the monitor.
If necessary, clean with a slightly damp cloth. Disconnect the monitor from the mains supply before cleaning.
- Unplug this unit from the wall socket and refer servicing to qualified service personnel under the following conditions:
 - when the mains lead is frayed or the plug is damaged;
 - if liquid has been spilled into the unit;
 - if the unit does not operate normally following the operating instructions;
 - if the unit has been dropped or the cabinet has been damaged;
 - when the unit exhibits a distinct change in performance.
- Do not attempt to service this unit yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Always refer servicing to qualified service personnel.

WARNINGS

- To prevent fire or shock hazard, do not expose this monitor to rain or moisture.
- Dangerous high voltages are present inside the unit. Do not remove the back cover of the cabinet.
- When servicing the monitor, contact qualified service personnel. Never try to service it yourself.
- Improper operations, in particular alteration of high voltage or changing the type of tube may result in x-ray emission of considerable dose.
A unit altered in such a way no longer meets the standards of certification, and must therefore no longer be operated.

INSTALLATION

- Before installing this monitor, please refer to the instructions for use of your camera or VCR to make sure if these equipments require any change of setting.

POSITIONING/VENTILATION

- When positioning this equipment ensure that the mains plug and socket are easily accessible.
- Do not place the monitor near a heat source.
- To prevent overheating, ensure that the ventilation openings of the monitor are not covered.

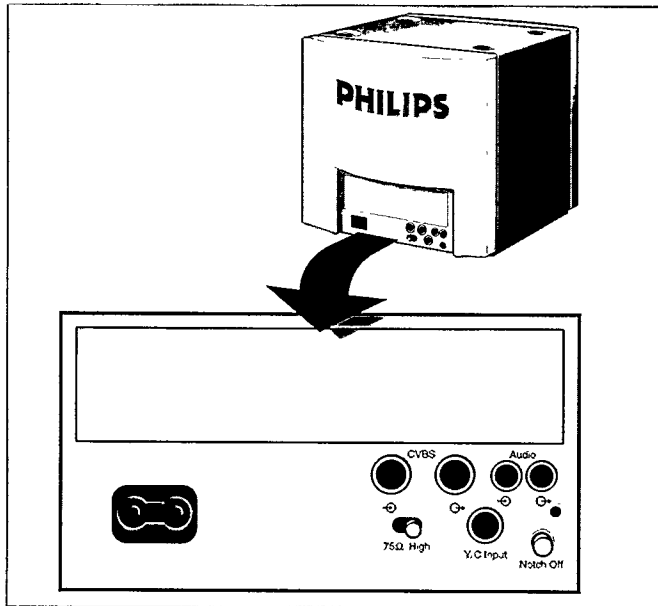
MAINS CONNECTIONS

- Before connecting the equipment to the mains of the building installation, the protective earth lead of the building must be checked for its proper functioning.
- The monitor is supplied with a 2 m. long mains lead terminated with a 2-pole Europlug with safety earth connections. In some countries it will be necessary to replace this plug with one of a locally standard type. The wiring to the plug must be as follows:
 - brown – live (in the U.K. marked "L" or coloured red);
 - blue – neutral (in the U.K. marked "N" or coloured black);
 - yellow/green – earth (in the U.K. marked "E" or $\frac{1}{2}$ or coloured yellow and green).

VIDEO/AUDIO INPUT

- Be sure to disconnect the mains lead from the mains socket before connecting the other equipment.
- Also refer to the instructions for use of the equipment to be connected.

CONNECTIONS



1 POWER

- Connect to the mains socket using the mains lead supplied.

2 CVBS

- ⊖ – Input socket for composite video signal.
- Connect to e.g. a video camera, VCR or video control panel.
- ⊕ – Output socket for signal loopthrough to other equipment.
- Connect to e.g. a second monitor or VCR.

3 Audio

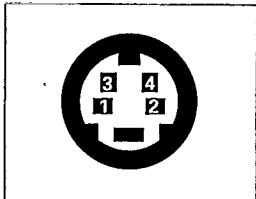
- ⊖ – Input socket for audio signal.
- Connect to e.g. an audio control panel or amplifier.
- ⊕ – Output socket for signal loopthrough to other equipment.
- Connect to e.g. a second monitor or VCR.

4 75 Ω – High

- Signal line termination switch for CVBS in- outputs.
- Switch to **75 Ω** when there is only input signal.
 - Switch to **High** in case of loopthrough operation.

5 Y/C Input

- Input socket for luminance (Y) and chrominance (C) signal.
This input can be used in applications where high resolution is required.
Socket and signals according to S-VHS standard.



- 1 GND (luminance)
- 2 GND (chrominance)
- 3 LUMINANCE signal
- 4 CHROMINANCE signal

6 Notch Off

- To avoid cross colour interference when using the CVBS input (2).
In high resolution Y/C operation this switch should preferably be set to off.

NOTE!

Never use the CVBS (2) and the Y/C (5) connection at the same time.

TECHNICAL DATA

a. Electrical

Picture tube:14°, 90° deflection, 0.42 mm
Resolution:≥ 520 TVL (bandwith 6.5 MHz)
Signal inputs:
– CVBS:1 V_{pp} into 75 Ω or bridging/BNC
– Y/C:1 V_{pp}/300mV_{pp} into 75 Ω/Hosiden (MINI DIN)
– Audio:177mV_{eff} into 10 K Ω

TV standard:PAL, 625 lines, 50 Hz
Power supply:mains voltage 198 -264 V AC / 50 Hz

b. Environmental

Temperature range:operating: + 10 to + 40° C
.....storage: – 25 to + 70° C
Humidity:20% - 95% (non condensing)

Subject to modification.

Placering/Ventilation

VARNING:
FÖRSÄKRA DIG OM ATT HUVUDBRYTARE OCH
UTTAG ÄR LÄTÅTKOMLIGA, NÄR DU STÄLLER DIN
UTRUSTNING PÅ PLATS.

Paikka/Ilmankierto

VAROITUS:
SIJOITA LAITE SITEN, ETTÄ VERKKOJOHTO
VOIDAAN TARVITTAESSA HELPOSTI IRROTTAA
PISTORASIESTA.

Placering/ventilation

ADVARSEL:
SØRG VED PLACERINGEN FOR, AT
NETLEDNINGENS STIK OG STIKKONTAKTER NEMT
TILGÆNGLIGE.

Plassering/Ventilasjon

ADVARSEL:
NÅR DETTE UTSTYRET PlassERES, MÅ DU PASSE
PÅ AT KONTAKTENE FOR STØMTILFØRSEL ER
LETTE Å NÅ.

MUY IMPORTANTE

La tapa posterior unicamente debe retirarla un Técnico
de Servicio.
La puesta en funcionamiento del aparato sin tapa
posterior es peligrosísimo.

